

Application No. 09/714,477
Docket No. 2000U032.US
Reply to Office Action Dated June 22, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method for preparing a catalyst composition comprising the steps of:
 - (a) forming a supported activator;
 - (b) introducing a Group 15 containing transition metal catalyst compound; and
 - (c) introducing an ionizing activator.
2. (Original) The method of claim 1 wherein the supported activator is combined with the Group 15 containing transition metal catalyst compound in a liquid prior to introducing the ionizing activator.
3. (Original) The method of claim 1 wherein the supported activator comprises a support material and an activator.
4. (Original) The method of claim 3 wherein the activator is an alumoxane.
5. (Original) The method of claim 1 wherein the supported activator is in a mineral oil.
6. (Original) The method of claim 1 wherein the ionizing activator is a Group 13 metal containing activator.
7. (Original) The method of claim 1 wherein the supported activator is the reaction product of a support material comprising surface hydroxyl groups and an organoaluminum compound.

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8. (Original) The method of claim 1 wherein the Group 15 containing transition metal compound is a Group 15 containing bidentate or tridentate ligated transition metal catalyst compound.
9. (Original) The method of claim 1 wherein the Group 15 containing transition metal compound has a transition metal bound to at least one leaving group and also bound to at least two Group 15 atoms, at least one of which is also bound to a Group 15 or 16 atom through another group.
10. (Withdrawn) A process for polymerizing olefin(s) in the presence of a catalyst composition of a supported activator, a Group 15 containing transition metal catalyst compound, and ionizing activator.
11. (Withdrawn) The process of claim 10 wherein the process is a gas phase process.
12. (Withdrawn) The process of claim 10 wherein the supported activator comprises a support material and an activator.
13. (Withdrawn) The process of claim 10 wherein the catalyst composition is in a slurry state.
14. (Withdrawn) The process of claim 10 wherein the Group 15 containing transition metal catalyst compound is a Group 15 containing bidentate or tridentate ligated transition metal catalyst compound.
15. (Original) An activated olefin polymerization catalyst composition comprising supported activator, a Group 15 containing bidentate or tridentate ligated transition metal catalyst compound, and an ionizing activator.
16. (Original) The catalyst composition of claim 15 wherein the supported activator comprises a support material and an activator.
17. (Original) The catalyst composition of claim 15 wherein the catalyst composition is in a slurry state.

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18. (Original) The catalyst composition of claim 17 wherein the catalyst composition is slurried in mineral oil.
19. (Original) The catalyst composition of claim 15 wherein the supported activator is supported alumoxane.
20. (Original) The catalyst composition of claim 15, wherein the ionizing activator is ionic.
21. (Original) The catalyst composition of claim 15 wherein the mole ratio of the metal of the ionizing activator to the transition metal of the Group 15 containing transition metal catalyst compound is from 0.1 to 0.9.